

**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**In the Specification:**

Paragraph beginning on page 5, at line 22 has been amended as follows:

FIGURE 1 shows the GenBank genomic sequence of BRCA2 (Accession Number U43746, SEQ ID NO: 134). The lower case letters denote intronic sequences and the upper case letters denote exonic sequences. Incorrect exonic sequences at exons 5 and 16 are shown in boldface type. [~~Exons 2-27 correspond to SEQ ID NO: 14-39, respectively.~~]

Paragraph beginning on page 5, at line 26 has been amended as follows:

FIGURE 2 shows the corrected genomic sequence of BRCA2. The lower case letters denote intronic sequences and the upper case letters denote exonic sequences. Corrected intronic and exonic sequences at exons 5, 11 and 15 are shown with boldface type. [~~Exons 2-4 correspond to SEQ ID NO: 40-42, respectively. Exon 5 corresponds to SEQ ID NO: 1 while exons 6-14 correspond to SEQ ID NO: 43-51, respectively. Exons 15 and 16 correspond to SEQ ID NO: 2 and 3, respectively. Exons 17-27 correspond to SEQ ID NO: 52-62.]~~ Exons 2-4 correspond to SEQ ID NO: 115-117, respectively. Exon 5 corresponds to SEQ ID NO: 1. Exons 6-9 correspond to SEQ ID NO: 118-121, respectively. Exons 10-11 correspond to SEQ ID NO: 111-112, respectively. Exons 12-13 correspond to SEQ ID NO: 122-123, respectively. Exon 14 corresponds to SEQ ID NO: 113. Exons 15-16 correspond to SEQ ID NO: 2-3, respectively. Exons 17-21 correspond to SEQ ID NO: 124-129, respectively. Exon 22 corresponds to SEQ ID NO: 114. Exons 23-27 correspond to SEQ ID NO: 129-133, respectively.--

**In the Claims:**

Claim 62 has been amended as follows:

62. (Once Amended) The isolated nucleic acid molecule according to claim 61, wherein the nucleotide sequence of the BRCA2 gene further comprises [by]a cytosine at a position corresponding to position 1093 of SEQ ID NO: 4, and wherein the nucleotide at position 1342 is adenine.